C1 3.2inch TFT + Touchscreen Shield

Fully assembled 3.2inch display with 320x240 pixels TFT LCD and a resistive touch overlay. Just plug it on top of ODROID-C1. 2x13 tall female header is already soldered on the PCB.
Fast 30 MHz SPI is used for the faster frame rate.

You will need an official Ubuntu image to configure it.
You can simply download the Kernel updates and configure your ODROID-C1 for this display shield.

Please follow the step by step guide from the WIKI. If not, the display doesn't work.
http://odroid.com/dokuwiki/doku.php?id=en:c1_lcdshield
Note: this display is NOT compatible with Android platform.

Package Includes

You will see a fully assembled C1 3.2inch Touchscreen Display Shield and a Stylus pen.

Detail parts of the shield

- 3.2inch display with 320x240 pixels
- Resistive touch overlay
- Converter board with 3 buttons
- 2x13 female header

Specification

LCD Type	TFT
LCD Interface	SPI
Touch Screen	Resistive
Touch Screen Controller	XPT2046 (SPI)
Colors	65536 (16bit RGB-565)
Backlight	LED
Resolution	320 x 240 pixels
Aspect Ratio	4:3
Weight	44g

* Limitation : GPU/VPU Hardware acceleration required OpenGL-ES and Video playback are not supported.
To playback a video on this screen, you need a trans-coded 320x240 video file with FFMPEG software decoding.

Interface Connector

Pin #	Symbol	Description
1, 17	3.3V	Power positive (3.3V power input)
2, 4	5V	Power positive (5V Power input)
3, 5, 7, 8, 10, 22	NC	NC
6,9,14,20,25	GND	Ground
11	TP_IRQ	Touch Panel interrupt, low level while the Touch Panel detects touching
12	KEY1	Key
13	RST	Reset
15	LCD_RS	LCD instruction control, Instruction/Data Register selection
16	KEY2	Key
18	KEY3	Key
19	LCD_SI / TP_SI	SPI data input of LCD/Touch Panel
21	TP_SO	SPI data output of Touch Panel
23	LCD_SCK / TP_SCK	Serial clock of LCD/Touch Panel
24	LCD_CS	LCD chip selection, low active
26	TP_CS	Touch Panel chip selection, low active